

Case No. 09/918421

WEST Search History

DATE: Wednesday, May 15, 2002

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,DWPI; PLUR=YES; OP=OR</i>			
L6	L5 and Tm	24	L6
L5	L4 and stability	89	L5
L4	L3 and PCR	104	L4
L3	L2 and computer	141	L3
L2	L1 and primer	157	L2
L1	tuple	2706	L1

END OF SEARCH HISTORY

Case No. 09/918421

FILE 'HOME' ENTERED AT 09:23:39 ON 15 MAY 2002

=> FIL .CBIOTECH
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 09:23:46 ON 15 MAY 2002

FILE 'BIOSIS' ENTERED AT 09:23:46 ON 15 MAY 2002
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FILE 'BIOTECHDS' ENTERED AT 09:23:46 ON 15 MAY 2002
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=> s primer
L1 227743 PRIMER

=> s tuple
L2 308 TUPLE

=> s l1 and l2
L3 10 L1 AND L2

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4 6 DUP REM L3 (4 DUPLICATES REMOVED)

=> d ibib l4 1-6

L4 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 2002:118953 BIOSIS
DOCUMENT NUMBER: PREV200200118953
TITLE: Prader Willi/Angelman and DiGeorge/velocardiofacial
syndrome deletions: Diagnosis by primed in situ labeling
(PRINS).
AUTHOR(S): Tharapel, Avirachan T. (1); Kadandale, Jayarama S.;
Martens, Paula R.; Wachtel, Stephen S.; Wilroy, R. Sid, Jr.
CORPORATE SOURCE: (1) Clinical and Molecular Cytogenetics Laboratory,
University of Tennessee, 711 Jefferson Avenue, Memphis, TN,
38105: atharapel@utmem.edu USA
SOURCE: American Journal of Medical Genetics, (January 15, 2002)
Vol. 107, No. 2, pp. 119-122. print.
ISSN: 0148-7299.
DOCUMENT TYPE: Article
LANGUAGE: English

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:137423 CAPLUS
DOCUMENT NUMBER: 134:188951
TITLE: Targeted cloning of genes and gene clusters using
gene-specific degenerate primers
INVENTOR(S): Fomenkov, Alexey; Huang, Yiping; Chaparian, Michael
G.; Zheng, Shu-Xian

PATENT ASSIGNEE(S): Omniscience Pharmaceuticals, USA
SOURCE: PCT Int. Appl., 74 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001012861	A1	20010222	WO 2000-US22743	20000818
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 1999-149788P	P 19990819
			US 1999-149822P	P 19990919
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L4 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1
ACCESSION NUMBER: 2001:185292 BIOSIS
DOCUMENT NUMBER: PREV200100185292
TITLE: Processes, apparatus and compositions for characterizing nucleotide sequences based on K-tuple analysis.
AUTHOR(S): Lopez-Nieto, Carlos Eduardo (1); Nigam, Sanjay Kumar
CORPORATE SOURCE: (1) Natick, MA USA
ASSIGNEE: Brigham and Women's Hospital
PATENT INFORMATION: US 6110667 August 29, 2000
SOURCE: Official Gazette of the United States Patent and Trademark Office Patents, (Aug. 29, 2000) Vol. 1237, No. 5, pp. No
Pagination. e-file.
ISSN: 0098-1133.
DOCUMENT TYPE: Patent
LANGUAGE: English

L4 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1996:364925 BIOSIS
DOCUMENT NUMBER: PREV199699087281
TITLE: Selective amplification of protein-coding regions of large sets of genes using statistically designed primer sets.
AUTHOR(S): Lopez-Nieto, Carlos E.; Nigam, Sanjay K.
CORPORATE SOURCE: Renal Div., Dep. Med., Brigham and Women's Hosp., Harvard Med. Sch., 75 Francis St., Boston, MA 02115 USA
SOURCE: Nature Biotechnology, (1996) Vol. 14, No. 7, pp. 857-861.
ISSN: 1087-0156.
DOCUMENT TYPE: Article
LANGUAGE: English

L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1994:126288 CAPLUS
DOCUMENT NUMBER: 120:126288
TITLE: A subset of 1200 hexamers is sufficient to sequence over 95% of cDNAs by hexamer string primer walking
AUTHOR(S): Ghiso, Neil S.; Parekh, Hiren; Lennon, Gregory G.

CORPORATE SOURCE: Hum. Genome Cent., Lawrence Livermore Natl. Lab.,
Livermore, CA, 94551, USA
SOURCE: Genomics (1993), 17(3), 798-9
CODEN: GNMCEP; ISSN: 0888-7543
DOCUMENT TYPE: Journal
LANGUAGE: English

L4 ANSWER 6 OF 6 MEDLINE DUPLICATE 2
ACCESSION NUMBER: 91319547 MEDLINE
DOCUMENT NUMBER: 91319547 PubMed ID: 1861980
TITLE: K-tuple frequency in the human genome and
polymerase chain reaction.
AUTHOR: Griffais R; Andre P M; Thibon M
CORPORATE SOURCE: Laboratoire des Chlamydiales et des Rickettsiales, Institut
Pasteur, Paris, France.
SOURCE: NUCLEIC ACIDS RESEARCH, (1991 Jul 25) 19 (14) 3887-91.
Journal code: 08L; 0411011. ISSN: 0305-1048.
PUB. COUNTRY: ENGLAND: United Kingdom
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199108
ENTRY DATE: Entered STN: 19910922
Last Updated on STN: 19910922
Entered Medline: 19910830

=> s 14 and computer
L5 2 L4 AND COMPUTER

=> s 14 and thermal
L6 0 L4 AND THERMAL

=> s 11 and computer
L7 3262 L1 AND COMPUTER

=> s 17 and thermal
L8 52 L7 AND THERMAL

=> s 17 and 7
L9 406 L7 AND 7

=> s 18 and 7
L10 6 L8 AND 7

=> s 17 and stability
L11 56 L7 AND STABILITY

=> s l11 and 18
L12 9 L11 AND L8

=> dup rem l12
PROCESSING COMPLETED FOR L12
L13 6 DUP REM L12 (3 DUPLICATES REMOVED)

=> d ibib 113 1-6

L13 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:185289 CAPLUS
DOCUMENT NUMBER: 136:243745
TITLE: Thermostable DNA polymerases from hyperthermophilic
microorganisms and their use in recombinant techniques

INVENTOR(S): Callen, Walter; Mathur, Eric J.; Short, Jay M.
 PATENT ASSIGNEE(S): Diversa Corporation, USA
 SOURCE: PCT Int. Appl., 161 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002020735	A2	20020314	WO 2001-US28007	20010906
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-656309	A 20000906

L13 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:868669 CAPLUS
 DOCUMENT NUMBER: 136:15894
 TITLE: Methods involving identification and use of sites for
 gene recombination in biopolymer engineering
 INVENTOR(S): Wang, Zhen-Gang; Voigt, Christopher A.; Mayo, Stephen
 L.; Arnold, Frances H.
 PATENT ASSIGNEE(S): California Institute of Technology, USA
 SOURCE: PCT Int. Appl., 139 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090346	A2	20011129	WO 2001-US16831	20010523
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002045175	A1	20020418	US 2001-863765	20010523
PRIORITY APPLN. INFO.:			US 2000-207048P	P 20000523
			US 2000-235960P	P 20000927
			US 2001-283567P	P 20010413

L13 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:115603 CAPLUS
 DOCUMENT NUMBER: 130:308100
 TITLE: Cloning, overexpression, purification, and
 physicochemical characterization of a cold shock
 protein homolog from the hyperthermophilic bacterium
 Thermotoga maritima

AUTHOR(S): Welker, Christine; Bohm, Gerald; Schurig, Hartmut;
Jaenicke, Rainer
CORPORATE SOURCE: Institut fur Biophysik und physikalische Biochemie,
Universitat Regensburg, Regensburg, D-93040, Germany
SOURCE: Protein Science (1999), 8(2), 394-403
CODEN: PRClEI; ISSN: 0961-8368
PUBLISHER: Cambridge University Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 4 OF 6 MEDLINE DUPLICATE 1
ACCESSION NUMBER: 94329434 MEDLINE
DOCUMENT NUMBER: 94329434 PubMed ID: 8052531
TITLE: **Thermal** denaturation of double-stranded nucleic
acids: prediction of temperatures critical for gradient gel
electrophoresis and polymerase chain reaction.
AUTHOR: Steger G
CORPORATE SOURCE: Institut fur Physikalische Biologie, Heinrich-Heine-
Universitat, Dusseldorf, Germany.
SOURCE: NUCLEIC ACIDS RESEARCH, (1994 Jul 25) 22 (14) 2760-8.
Journal code: O8L; 0411011. ISSN: 0305-1048.
PUB. COUNTRY: ENGLAND: United Kingdom
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199409
ENTRY DATE: Entered STN: 19940914
Last Updated on STN: 19940914
Entered Medline: 19940906

L13 ANSWER 5 OF 6 MEDLINE
ACCESSION NUMBER: 94141226 MEDLINE
DOCUMENT NUMBER: 94141226 PubMed ID: 8308300
TITLE: Typing of the HLA-DRB3 gene by temperature gradient gel
electrophoresis. Prediction of the resolution of four
allelic fragments by computational simulation of DNA
melting.
AUTHOR: Chen M; Marz W; Usadel K H; Scheuermann E H; Boehm B O
CORPORATE SOURCE: Department of Endocrinology, University Hospital of
Frankfurt Medical School, Germany.
SOURCE: JOURNAL OF IMMUNOLOGICAL METHODS, (1994 Feb 10) 168 (2)
257-65.
Journal code: IFE; 1305440. ISSN: 0022-1759.
PUB. COUNTRY: Netherlands
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199403
ENTRY DATE: Entered STN: 19940330
Last Updated on STN: 19940330
Entered Medline: 19940317

L13 ANSWER 6 OF 6 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 1987-02363 BIOTECHDS
TITLE: An engineered intersubunit disulfide enhances the
stability and DNA binding of the N-terminal domain of
lambda-repressor;
protein engineering
AUTHOR: Sauer R T; Hehir K; Stearman R S; Weiss M A; Jeitler-Nilsson
A; *Pabo C O

LOCATION: Department of Biophysics, The Johns Hopkins University School
of Medicine, Baltimore, Maryland 21205, USA.
SOURCE: Biochemistry; (1986) 25, 20, 5992-98
CODEN: BICHAW
DOCUMENT TYPE: Journal
LANGUAGE: English

Case No. 09/918421

=> FIL .CBIOTECH
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 10:39:01 ON 15 MAY 2002

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=> s primer
L1 227743 PRIMER

=> s primer3
L2 3 PRIMER3

=> d ibib 12 1-3

L2 ANSWER 1 OF 3 MEDLINE
ACCESSION NUMBER: 2000015570 MEDLINE
DOCUMENT NUMBER: 20015570 PubMed ID: 10547847
TITLE: **Primer3** on the WWW for general users and for
biologist programmers.
AUTHOR: Rozen S; Skaletsky H
CORPORATE SOURCE: Whitehead Institute for Biomedical Research, Cambridge, MA,
USA.
CONTRACT NUMBER: P50-HG00098 (NHGRI)
R01-HG00257 (NHGRI)
SOURCE: METHODS IN MOLECULAR BIOLOGY, (2000) 132 365-86.
Journal code: BU3; 9214969. ISSN: 1064-3745.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199911
ENTRY DATE: Entered STN: 20000111
Last Updated on STN: 20000111
Entered Medline: 19991116

L2 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:805717 CAPLUS
TITLE: A simple method for generating full length cDNA from
low abundance partial genomic clones
AUTHOR(S): Wang, Yongxin; Fugaro, Joseph M.; Siddiq, Fauzia;
Goparaju, Chandra Mouli V.; Lonardo, Fulvio; Wali,
Anil; Lechner, John F.; Pass, Harvey I.
CORPORATE SOURCE: Karmanos Cancer Inst., Wayne State Univ., Detroit, MI,
USA
SOURCE: BMC Mol. Biol. (2000), 1, No pp. given
CODEN: BMBMC4; ISSN: 1471-2199
URL: <http://www.biomedcentral.com/1471-2199/1/2>

PUBLISHER: BioMed Central Ltd.
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:676934 CAPLUS
DOCUMENT NUMBER: 132:78085
TITLE: **Primer3** on the WWW for general users and for
biologist programmers
AUTHOR(S): Rozen, Steve; Skaletsky, Helen
CORPORATE SOURCE: Whitehead Institute for Biomedical Research,
Cambridge, MA, USA
SOURCE: Methods in Molecular Biology (Totowa, New Jersey)
(2000), 132(Bioinformatics Methods and Protocols),
365-386
CODEN: MMBIED; ISSN: 1064-3745
PUBLISHER: Humana Press Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	9.27	9.48

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 10, 2002 (20020510/UP).

=> s l1 and design
0 PRIMER
1 PRIMERS
1 PRIMER
(PRIMER OR PRIMERS)
21 DESIGN
L3 0 L1 AND DESIGN

=> s primer
0 PRIMER
1 PRIMERS
L4 1 PRIMER
(PRIMER OR PRIMERS)

=> FIL .CBIOTECH	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.30	9.78

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=> s primer
L5 227743 PRIMER

=> s l5 and design
L6 6345 L5 AND DESIGN

=> s l6 and program
L7 311 L6 AND PROGRAM

=> s l7 and computer
L8 187 L7 AND COMPUTER

=> s l8 and Tm
L9 18 L8 AND TM

=> dup rem l9 1-18
PROCESSING COMPLETED FOR L9
L10 15 DUP REM L9 1-18 (3 DUPLICATES REMOVED)

=> d ibib l10 1-15

L10 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:76960 CAPLUS
DOCUMENT NUMBER: 136:115137
TITLE: **Primer design** based on analysis of
GC content, melting temperature, dimer formation,
repetitive sequences, and hairpin structure formation
INVENTOR(S): Isono, Satoru
PATENT ASSIGNEE(S): Unitech K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 39 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002027988	A2	20020129	JP 2000-213886	20000714

L10 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:124205 CAPLUS
DOCUMENT NUMBER: 136:228911
TITLE: TGGE-STAR: **primer design** for
melting analysis using PCR gradient gel
electrophoresis
AUTHOR(S): Gille, Christoph; Gille, Andreas
CORPORATE SOURCE: Humboldt University, Berlin, Germany
SOURCE: BioTechniques (2002), 32(2), 264, 266, 268
CODEN: BTNQDO; ISSN: 0736-6205
PUBLISHER: Eaton Publishing Co.

DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:698700 CAPLUS
DOCUMENT NUMBER: 135:269659
TITLE: **Primer design** by DNA sequence
database searches, comparisons and alignment
INVENTOR(S): Nakae, Hiroki; Ihara, Shigeo
PATENT ASSIGNEE(S): Hitachi Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 18 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001258568	A2	20010925	JP 2000-80360	20000322
JP 2001258576	A2	20010925	JP 2000-149961	20000322
PRIORITY APPLN. INFO.:			JP 2000-80360	A3 20000322

L10 ANSWER 4 OF 15 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 2001431544 EMBASE
TITLE: Multiplex automated **primer** extension analysis:
Simultaneous genotyping of several polymorphisms.
AUTHOR: Makridakis N.M.; Reichardt J.K.V.
CORPORATE SOURCE: Dr. N.M. Makridakis, Institute for Genetic Medicine,
Department of Biochemistry, Univ. S. California Keck Sch.
Med., 2250 Alcazar St., Los Angeles, CA 90089-9075, United
States. makridak@hsc.usc.edu
SOURCE: BioTechniques, (2001) 31/6 (1374-1380).
Refs: 22
ISSN: 0736-6205 CODEN: BTNQDO
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 027 Biophysics, Bioengineering and Medical
Instrumentation
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L10 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:573959 CAPLUS
DOCUMENT NUMBER: 133:172996
TITLE: Generic oligonucleotide array and methods of use for
hybridization assays
INVENTOR(S): Little, Stephen; Gibson, Neil James; Whitcombe, David
Mark
PATENT ASSIGNEE(S): Astrazeneca UK Limited, UK
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2000047767 A1 20000817 WO 2000-GB357 20000208
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1169474 A1 20020109 EP 2000-901800 20000208
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
PRIORITY APPLN. INFO.: GB 1999-2970 A 19990211
WO 2000-GB357 W 20000208
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 15 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
1

ACCESSION NUMBER: 2000:50872 BIOSIS
DOCUMENT NUMBER: PREV200000050872
TITLE: Spreadsheet software for thermodynamic melting point
prediction of oligonucleotide hybridization with and
without mismatches.
AUTHOR(S): Schuetz, Ekkehard (1); von Ahsen, Nicolas
CORPORATE SOURCE: (1) Dept. Clinical Chemistry, University Hospital,
Robert-Koch-Str. 40, 37075, Goettingen Germany
SOURCE: Biotechniques, (Dec., 1999) Vol. 27, No. 6, pp. 1218-1224.
ISSN: 0736-6205.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L10 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:586022 CAPLUS
DOCUMENT NUMBER: 131:332705
TITLE: **Design** strategies and performance of custom
DNA sequencing **primers**
AUTHOR(S): Buck, G. A.; Fox, J. W.; Gunthorpe, M.; Hager, K. M.;
Naeve, C. W.; Pon, R. T.; Adams, P. S.; Rush, J.
CORPORATE SOURCE: Virginia Commonwealth University, Richmond, VA,
23298-0678, USA
SOURCE: BioTechniques (1999), 27(3), 528-536
CODEN: BTNQDO; ISSN: 0736-6205
PUBLISHER: Eaton Publishing Co.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

TP248.13 .B55 /

L10 ANSWER 8 OF 15 MEDLINE DUPLICATE 2

ACCESSION NUMBER: 97331437 MEDLINE
DOCUMENT NUMBER: 97331437 PubMed ID: 9187769
TITLE: **Computer program** for calculating the
melting temperature of degenerate oligonucleotides used in
PCR or hybridization.
AUTHOR: Chen H; Zhu G
CORPORATE SOURCE: Emory University, Atlanta, GA, USA.
SOURCE: BIOTECHNIQUES, (1997 Jun) 22 (6) 1158-60.
Journal code: AN3; 8306785. ISSN: 0736-6205.
PUB. COUNTRY: United States

Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199707
ENTRY DATE: Entered STN: 19970812
Last Updated on STN: 19970812
Entered Medline: 19970731

L10 ANSWER 9 OF 15 MEDLINE
ACCESSION NUMBER: 96374653 MEDLINE
DOCUMENT NUMBER: 96374653 PubMed ID: 8780880
TITLE: Software to determine optimal oligonucleotide sequences based on hybridization simulation data.
AUTHOR: Hyndman D; Cooper A; Pruzinsky S; Coad D; Mitsuhashi M
CORPORATE SOURCE: Advanced Gene Computing Technologies, Inc., Irvine, CA, USA.
SOURCE: BIOTECHNIQUES, (1996 Jun) 20 (6) 1090-4, 1096-7.
Journal code: AN3; 8306785. ISSN: 0736-6205.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199612
ENTRY DATE: Entered STN: 19970128
Last Updated on STN: 19970128
Entered Medline: 19961226

L10 ANSWER 10 OF 15 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 96305895 EMBASE
DOCUMENT NUMBER: 1996305895
TITLE: Substrate nucleotide-determined non-templated addition of adenine by Taq DNA polymerase: Implications for PCR-based genotyping and cloning.
AUTHOR: Magnuson V.L.; Ally D.S.; Nylund S.J.; Karanjawala Z.E.; Rayman J.B.; Knapp J.I.; Lowe A.L.; Ghosh S.; Collins F.S.
CORPORATE SOURCE: Laboratory of Gene Transfer, National Ctr. for Human Genome Res., National Institutes of Health, 49 Convent Drive, Bethesda, MD 20892, United States
SOURCE: BioTechniques, (1996) 21/4 (700-709).
ISSN: 0736-6205 CODEN: BTNQDO
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 027 Biophysics, Bioengineering and Medical Instrumentation
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L10 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1995:911011 CAPLUS
DOCUMENT NUMBER: 123:331132
TITLE: PCRT00L: A software package to analyze the data and **design primers** for PCR
AUTHOR(S): Ouyang, Hongsheng; Ruan, Chengmai; Li, Chengyao; Guan, Jiang; Zhang, Yujing; Wang, Yusong
CORPORATE SOURCE: Department Biochemistry, Changchun University Agriculture and Animal Science, Changchun, 130062, Peop. Rep. China
SOURCE: Int. Symp. Bioanal. Chem., Proc., 1st (1995), 46-9.
Chinese Chemical Society: Beijing, Peop. Rep. China.
CODEN: 61XJAL
DOCUMENT TYPE: Conference

LANGUAGE: English

L10 ANSWER 12 OF 15 BIOTECHDS COPYRIGHT 2002 THOMSON DERWENT AND ISI
ACCESSION NUMBER: 1994-03902 BIOTECHDS

TITLE: Oligonucleotide probe **design** - a new approach;
OligoProbe **Design** Station **computer**
program for DNA amplification using the polymerase
chain reaction; application as a DNA probe and in
antisense DNA-based gene therapy
AUTHOR: Mitsuhashi M; Cooper A; Ogura M; Shinagawa T; Yano K;
Hosokawa T
CORPORATE SOURCE: Advan.Gene-Comput.Technol.; DigitalWord
LOCATION: Advanced Gene Computing Technologies (AGCT), Inc., 2102
Business Center Drive, Suite 170, Irvine, California 92715,
USA.
SOURCE: Nature; (1994) 367, 6465, 759-61
CODEN: NATUAS
DOCUMENT TYPE: Journal
LANGUAGE: English

L10 ANSWER 13 OF 15 MEDLINE

ACCESSION NUMBER: 94172829 MEDLINE
DOCUMENT NUMBER: 94172829 PubMed ID: 8126913
TITLE: Novel computerized method for designing nucleotide sequence
used for DNA probes and PCR **primers**.
AUTHOR: Mitsuhashi M; Hosokawa T
CORPORATE SOURCE: Division of Medical Sciences, Hitachi Chemical Research
Center Inc., Irvine, CA.
SOURCE: NIPPON RINSHO. JAPANESE JOURNAL OF CLINICAL MEDICINE, (1994
Feb) 52 (2) 530-41. Ref: 20
Journal code: KIM; 0420546. ISSN: 0047-1852.
PUB. COUNTRY: Japan
Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, ACADEMIC)
LANGUAGE: Japanese
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199404
ENTRY DATE: Entered STN: 19940420
Last Updated on STN: 19940420
Entered Medline: 19940408

L10 ANSWER 14 OF 15 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 93005246 EMBASE
DOCUMENT NUMBER: 1993005246
TITLE: A shell **program** for the **design** of PCR
primers using genetics **computer** group
(GCG) software (7.1) on VAX/VMS(TM) systems.
AUTHOR: Eberhardt N.L.
CORPORATE SOURCE: 4-407 Alfred, Mayo Clinic, Rochester, MN 55905, United
States
SOURCE: BioTechniques, (1992) 13/6 (914-918).
ISSN: 0736-6205 CODEN: BTNQDO
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 027 Biophysics, Bioengineering and Medical
Instrumentation
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English

L10 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1992:484321 CAPLUS
 DOCUMENT NUMBER: 117:84321
 TITLE: Computer programs for polymerase
 chain reaction (PCR) primer design
 AUTHOR(S): Wang, Huaichun; Zhu, Yuanxiao; Wang, Jiaxi; Wu, Jajin;
 Zhang, Haiying
 CORPORATE SOURCE: Inst. Med. Inf., Beijing, 100850, Peop. Rep. China
 SOURCE: Shengwu Huaxue Zazhi (1992), 8(3), 342-6
 CODEN: SHZAE4; ISSN: 1000-8543
 DOCUMENT TYPE: Journal
 LANGUAGE: Chinese

=> s primer
 L11 227743 PRIMER

=> s l11 and premier
 L12 27 L11 AND PREMIER

=> dup rem l12
 PROCESSING COMPLETED FOR L12
 L13 14 DUP REM L12 (13 DUPLICATES REMOVED)

=> d ibib l13 1-14

L13 ANSWER 1 OF 14 MEDLINE DUPLICATE 1
 ACCESSION NUMBER: 2002251820 IN-PROCESS
 DOCUMENT NUMBER: 21985087 PubMed ID: 11989721
 TITLE: Gene expression of immunomodulatory cytokines induced by
 Narcissus tazetta lectin in the mouse.
 AUTHOR: Ooi Linda S M; Liu Fang; Ooi Vincent E C; Ng T B; Fung M C
 CORPORATE SOURCE: Department of Biology, The Chinese University of Hong Kong,
 Shatin.
 SOURCE: BIOCHEMISTRY AND CELL BIOLOGY, (2002) 80 (2) 271-7.
 Journal code: 8606068. ISSN: 0829-8211.
 PUB. COUNTRY: Canada
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: IN-PROCESS; NONINDEXED; Priority Journals
 ENTRY DATE: Entered STN: 20020507
 Last Updated on STN: 20020507

L13 ANSWER 2 OF 14 MEDLINE
 ACCESSION NUMBER: 2001483184 MEDLINE
 DOCUMENT NUMBER: 21417749 PubMed ID: 11517318
 TITLE: Accelerated regulatory gene evolution in an adaptive
 radiation.
 AUTHOR: Barrier M; Robichaux R H; Purugganan M D
 CORPORATE SOURCE: Department of Genetics, Box 7614, North Carolina State
 University, Raleigh, NC 27695, USA.
 SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE
 UNITED STATES OF AMERICA, (2001 Aug 28) 98 (18) 10208-13.
 Journal code: PV3; 7505876. ISSN: 0027-8424.
 PUB. COUNTRY: United States
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 OTHER SOURCE: GENBANK-AF147210; GENBANK-AF147211; GENBANK-AF147212;
 GENBANK-AF147213; GENBANK-AF147214; GENBANK-AF147215;
 GENBANK-AF147216; GENBANK-AF147217; GENBANK-AF147218;
 GENBANK-AF147219; GENBANK-AF147220; GENBANK-AF147221;
 GENBANK-AF147222; GENBANK-AF147223; GENBANK-AF147224;

GENBANK-AF147225; GENBANK-AF147226; GENBANK-AF147227;
 GENBANK-AF147228; GENBANK-AF147229; GENBANK-AF147230;
 GENBANK-AF147231; GENBANK-AF147232; GENBANK-AF147233;
 GENBANK-AF147234; GENBANK-AF147235; GENBANK-AF147236;
 GENBANK-AF147237; GENBANK-AF147238; GENBANK-AF147239;
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 GENBANK-AF147246; GENBANK-AF147247; GENBANK-AF147248;
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 GENBANK-AF147252; GENBANK-AF147253; GENBANK-AF147254;
 GENBANK-AF147255; GENBANK-AF147256; GENBANK-AF147257;
 GENBANK-AF147258; GENBANK-AF398723; GENBANK-AF398724;
 GENBANK-AF398725; GENBANK-AF398726; GENBANK-AF398727;
 GENBANK-AF398728; GENBANK-AF398729; GENBANK-AF398730;
 GENBANK-AF398731; GENBANK-AF398732; GENBANK-AF398733;
 GENBANK-AF398734; GENBANK-AF398735; GENBANK-AF398736;
 GENBANK-AF398737; GENBANK-AF398738; GENBANK-AF398739;
 GENBANK-AF398740; GENBANK-AF398741; GENBANK-AF398742;
 GENBANK-AF398743; GENBANK-AF398744; GENBANK-AF398745;
 GENBANK-AF398746; GENBANK-AF398747; GENBANK-AF398748;
 GENBANK-AF398749; GENBANK-AF398750; GENBANK-AF398751;
 GENBANK-AF398752; GENBANK-AF398753; GENBANK-AF398754;
 GENBANK-AF398755

ENTRY MONTH: 200110
 ENTRY DATE: Entered STN: 20010830
 Last Updated on STN: 20011008
 Entered Medline: 20011004

L13 ANSWER 3 OF 14 MEDLINE DUPLICATE 2
 ACCESSION NUMBER: 2001312852 MEDLINE
 DOCUMENT NUMBER: 21280379 PubMed ID: 11386079
 TITLE: [Rapid determination of sex in Myocastor coypus embryos in
 the first stage of gestation].
 Determination rapide du sexe chez des embryons de ragondin,
 Myocastor coypus, des les **premiers** stades de
 gestation.
 AUTHOR: Garcia-Meunier P; Pastout L; Chevalier G; Guinet C
 CORPORATE SOURCE: Laboratoire de biologie et environnement marins, institut
 de la mer et du littoral, avenue Lazaret, port des Minimes,
 17000 La Rochelle, France.. pgarciam@univ-lr.fr
 SOURCE: COMPTES RENDUS DE L ACADEMIE DES SCIENCES. SERIE III,
 SCIENCES DE LA VIE, (2001 Apr) 324 (4) 321-5.
 Journal code: CAL; 8503078. ISSN: 0764-4469.
 PUB. COUNTRY: France
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: French
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200106
 ENTRY DATE: Entered STN: 20010702
 Last Updated on STN: 20010702
 Entered Medline: 20010628

L13 ANSWER 4 OF 14 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 ACCESSION NUMBER: 2001:497008 BIOSIS
 DOCUMENT NUMBER: PREV200100497008
 TITLE: Quantitative determination of gene expression in human
 lymphocytes assessed by reverse transcription-polymerase
 chain reaction coupled to high-performance liquid
 chromatography.
 AUTHOR(S): Andia, Isabel (1); Zumarraga, Mercedes; Davila, Ricardo;
 Miller, Jeannette C.; Friefhoff, Arnold J.
 CORPORATE SOURCE: (1) Departamento de Investigacion Neuroquimica, Hospital

Psiquiatrico de Zamudio, B. Arteaga 107, 48170, Zamudio,
Vizcaya: iandia@hzam.osakidetza.net Spain
SOURCE: Journal of Chromatography B, (25 September, 2001) Vol. 761,
No. 2, pp. 237-246. print.
ISSN: 0378-4347.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L13 ANSWER 5 OF 14 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
3

ACCESSION NUMBER: 2001:59537 BIOSIS
DOCUMENT NUMBER: PREV200100059537
TITLE: Phenetic characterization of plum cultivars by high
multiplex ratio markers: Amplified fragment length
polymorphisms and inter-simple sequence repeats.
AUTHOR(S): Goulao, Luis; Monte-Corvo, Luisa; Oliveira, Cristina M. (1)
CORPORATE SOURCE: (1) Instituto Superior de Agronomia, Seccao de
Horticultura, Universidade Tecnica de Lisboa, Tapada da
Ajuda, 1349-017, Lisboa: crismoz@isa.utl.pt Portugal
SOURCE: Journal of the American Society for Horticultural Science,
(January, 2001) Vol. 126, No. 1, pp. 72-77. print.
ISSN: 0003-1062.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L13 ANSWER 6 OF 14 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 2001188199 EMBASE
TITLE: PCR **primer** design.
AUTHOR: Singh V.K.; Kumar A.
CORPORATE SOURCE: A. Kumar, Bioinformatics Sub-Centre, School of
Biotechnology, Devi Ahilya University, Khandwa Road, Indore
452 017 MP, India. bioinfo@sancharnet.in
SOURCE: Molecular Biology Today, (2001) 2/2 (27-32).
Refs: 89
ISSN: 1468-5698 CODEN: MBTOC8
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 022 Human Genetics
027 Biophysics, Bioengineering and Medical
Instrumentation
029 Clinical Biochemistry
036 Health Policy, Economics and Management
LANGUAGE: English
SUMMARY LANGUAGE: English

L13 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:677495 CAPLUS
DOCUMENT NUMBER: 133:268339
TITLE: Metal panels with corrosion-resistant chromium-free
precoatings
INVENTOR(S): Furukawa, Hiroyasu; Ueda, Kohei; Nomura, Hiromasa;
Takahashi, Akira; Kanai, Hiroshi
PATENT ASSIGNEE(S): Nippon Steel Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000265282	A2	20000926	JP 2000-3814	20000112
PRIORITY APPLN. INFO.:			JP 1999-5686	A 19990112

L13 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 1999:687233 CAPLUS
 TITLE: Software: **Premier primer** designs
 AUTHOR(S): Ahern, Kevin
 SOURCE: Science (Washington, D. C.) (1999), 286(5439), 433
 CODEN: SCIEAS; ISSN: 0036-8075
 PUBLISHER: American Association for the Advancement of Science
 DOCUMENT TYPE: Journal; Miscellaneous
 LANGUAGE: English

L13 ANSWER 9 OF 14 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 ACCESSION NUMBER: 1999425449 EMBASE
 TITLE: **Premier primer** designs.
 AUTHOR: Ahern K.
 SOURCE: Science, (15 Oct 1999) 286/5439 (433).
 ISSN: 0036-8075 CODEN: SCIEAS
 COUNTRY: United States
 DOCUMENT TYPE: Journal; (Short Survey)
 FILE SEGMENT: 022 Human Genetics
 027 Biophysics, Bioengineering and Medical
 Instrumentation
 LANGUAGE: English

L13 ANSWER 10 OF 14 MEDLINE DUPLICATE 4
 ACCESSION NUMBER: 1999071671 MEDLINE
 DOCUMENT NUMBER: 99071671 PubMed ID: 9854507
 TITLE: Clinical effects of exogenous/endogenous TNF therapy on
 metastatic lesions of 34 colorectal cancer patients.
 AUTHOR: Tomita A; Fuchino Y; Otsuka K; Shinohara T; Tanaka S N;
 Umeno T; Ikeda S
 CORPORATE SOURCE: Department of Surgery 1, School of Medicine, Fukuoka
 University, Japan.
 SOURCE: ANTICANCER RESEARCH, (1998 Sep-Oct) 18 (5D) 3937-9.
 Journal code: 59L; 8102988. ISSN: 0250-7005.
 PUB. COUNTRY: Greece
 (CLINICAL TRIAL)
 (CONTROLLED CLINICAL TRIAL)
 Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199901
 ENTRY DATE: Entered STN: 19990115
 Last Updated on STN: 19990115
 Entered Medline: 19990107

L13 ANSWER 11 OF 14 MEDLINE
 ACCESSION NUMBER: 1998198038 MEDLINE
 DOCUMENT NUMBER: 98198038 PubMed ID: 9521649
 TITLE: Engineering an anion-binding cavity in antichymotrypsin
 modulates the "spring-loaded" serpin-protease interaction.
 AUTHOR: Lukacs C M; Rubin H; Christianson D W
 CORPORATE SOURCE: Department of Chemistry, University of Pennsylvania,
 Philadelphia 19104, USA.
 CONTRACT NUMBER: HL-50532 (NHLBI)
 HL-51893 (NHLBI)
 SOURCE: BIOCHEMISTRY, (1998 Mar 10) 37 (10) 3297-304.
 Journal code: A0G; 0370623. ISSN: 0006-2960.

PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199804
ENTRY DATE: Entered STN: 19980430
Last Updated on STN: 19980430
Entered Medline: 19980421

L13 ANSWER 12 OF 14 MEDLINE DUPLICATE 5
ACCESSION NUMBER: 1998155840 MEDLINE
DOCUMENT NUMBER: 98155840 PubMed ID: 9494736
TITLE: **Primer premier:** program for design of
degenerate **primers** from a protein sequence.
AUTHOR: Singh V K; Mangalam A K; Dwivedi S; Naik S
CORPORATE SOURCE: Premier Biosoft International, Palo Alto, CA, USA.
SOURCE: BIOTECHNIQUES, (1998 Feb) 24 (2) 318-9.
Journal code: AN3; 8306785. ISSN: 0736-6205.
PUB. COUNTRY: United States
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199804
ENTRY DATE: Entered STN: 19980422
Last Updated on STN: 19980422
Entered Medline: 19980410

L13 ANSWER 13 OF 14 MEDLINE DUPLICATE 6
ACCESSION NUMBER: 1998441406 MEDLINE
DOCUMENT NUMBER: 98441406 PubMed ID: 9768292
TITLE: Partial inhibition of amplifications by **primers**
of EHEC genes.
AUTHOR: Gado I; Ruzsics Z; Toth I; Kiraly M; Milch H
CORPORATE SOURCE: National Center for Epidemiology B. Johan, Budapest,
Hungary.
SOURCE: ACTA MICROBIOLOGICA ET IMMUNOLOGICA HUNGARICA, (1998) 45
(2) 239-52.
Journal code: B2A; 9434021. ISSN: 1217-8950.
PUB. COUNTRY: Hungary
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199812
ENTRY DATE: Entered STN: 19990115
Last Updated on STN: 19990115
Entered Medline: 19981217

L13 ANSWER 14 OF 14 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
ACCESSION NUMBER: 1995:101294 BIOSIS
DOCUMENT NUMBER: PREV199598115594
TITLE: The identification of random amplified polymorphic DNA
markers for daylength insensitivity in oat.
AUTHOR(S): Wight, Charlene; Penner, Greg A.; O'Donoughue, Louise S.;
Burrows, Vernon D.; Molnar, Stephen J.; Fedak, George (1)
CORPORATE SOURCE: (1) Agric. Canada, Plant Res. Cent., Central Exp. Farm,
Ottawa, ON K1A 0C6 Canada
SOURCE: Genome, (1994) Vol. 37, No. 6, pp. 910-914.
ISSN: 0831-2796.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English; French